

Title (en)

Ink composition, ink for inkjet recording and ink set using the ink

Title (de)

Tintenzusammensetzung, Tinte für Tintenstrahlaufzeichnung und die Tinte verwendender Tintensatz

Title (fr)

Composition d'encre, encre pour enregistrement à jet d'encre et jeu d'encre utilisant l'encre

Publication

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Application

EP 09004101 A 20090323

Priority

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Abstract (en)

The invention provides an ink composition including a polymerizable compound, a polymerization initiator, a pigment and an oil-soluble dye, wherein the pigment and the oil-soluble dye are in any combination of a yellow pigment and a yellow oil-soluble dye, a magenta pigment and a magenta oil-soluble dye, or a cyan pigment and a cyan oil-soluble dye; an ink for inkjet recording; and an ink set using the ink.

IPC 8 full level

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CPC (source: EP US)

C09D 11/101 (2013.01 - EP US); **C09D 11/32** (2013.01 - EP US); **C09D 11/40** (2013.01 - EP US)

Citation (applicant)

JP H05214279 A 19930824 - DOMINO PRINTING SCIENCES PLC

Citation (search report)

- [X] WO 2005044924 A1 20050519 - CIBA SC HOLDING AG [CH], et al
- [Y] US 2007142492 A1 20070621 - ODELL PETER G [CA], et al
- [A] EP 0921166 A1 19990609 - DU PONT [US]
- [Y] DATABASE WPI Week 198938, Derwent World Patents Index; AN 1989-275800, XP002536110

Cited by

EP2402405A1; US8507573B2; US9045435B2; US9168255B2

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